

NOTES ON A COLLECTION OF HERPETOLOGICAL
SPECIMENS RECENTLY DONATED TO THE CENTRE
FOR THAI NATIONAL REFERENCE COLLECTIONS

by
PAUL SODERBERG

ABSTRACT: This paper records a collection of herpetological specimens recently donated to the Centre for Thai National Reference Collections (CTNRC) by the Royal Forestry Department (RFD), and includes notes about many of the specimens.

On 5 January 1967 the author was invited by Mr. TEM SMITINAND, Curator of the Forest Herbarium, Royal Forest Department, to identify and label a large collection of herpetological specimens which he and his colleagues and assistants had accumulated during the past decade. Once this had been accomplished and a list of the species represented compiled, the entire collection was to be donated to the CTNRC (Applied Scientific Research Corporation of Thailand). The author accepted this kind invitation and completed his identifications after a period of about six months. Soon after, on 5 June, 1967, the collection was transferred to the CTNRC.

The collection, which contained 47 amphibia and 124 reptilia, or a total of 171 specimens, was noteworthy in its excellent representation of rare or little-known forms; of the 65 species and subspecies represented, 10 were new to the CTNRC. Further, the collection contained 56 "possible new provincial records," that is to say, specimens of a certain species which were collected in a particular province which, to the author's knowledge, that species had never been recorded from before.

The purpose of this paper then, is first to record this collection. Secondly, it should contribute to the knowledge of the distribution of certain forms, and the accompanying notations should contribute to what is known of the natural history of certain forms.

The specimens in the following list of the collection are arranged in a phylogenetic order. An asterisk (*) preceding a specimen number indicates that that specimen represents a "possible new provincial record".

THE COLLECTION

Class AMPHIBIA

Order SALIENTIA

Family PELOBATIDAE

Megophrys aceras (BOULENGER) (not previously represented in the CTNRC)

* 513-1287: Phrae : Huay Hom; 20-3-61. This specimen, about 25 mm in total length, provided considerable difficulty in identification, and the author is not entirely convinced that it is this species.

Family BUFONIDAE

Bufo macrotis BOULENGER (not previously represented in the CTNRC)

* 513-1271 through 513-1277 (7 specimens): Phrae : Mae Ta : Suan Sak; 10-7-66. There is quite a bit of variation in the colour and texture of the skin in these specimens. In Suan Sak they are known as 'Yellow Toad'. These specimens were collected on the banks of a stream during a breeding period, a time when the species is reportedly plentiful.

513-1307: Uttaradit : Huay Kumdin; 5-4-61. At Huay Kumdin this species is known as 'khangkop-baat' (ຄັງກົບບາດ). This particular specimen was taken from under the bark of a Bombax Tree (*Salmania malabarica*).

Bufo asper GRAVENHORST

513-1278: Thailand. N.B.: In the field notes accompanying a second specimen, from Nakhon Srithammarat, which had to be discarded because of its poor state of preservation, it was stated that this species is eaten by the people in that area. This is surprising in view of the fact that the skin of *B. asper* is known to contain certain toxic secretions.

Family RANIDAE

Rana limnocharis limnocharis GRAVENHORST

513-1263 through 513-1267 (5 specimens): Satul prov.; 20-3-66. Taken in tropical evergreen forest.

513-1268 through 513-1270 (3 specimens): Phang-nga : Bang Sa; 26-2-66.

513-1292 through 513-1294 (3 specimens): Chieng Mai : Ban Aen; November 1960.

Family RHACOPHORIDAE

Rhacophorus nigropalmatus BOULENGER

* 513-1281 (+ 4 tadpoles): Chieng Mai : Tat Noi c. 800 m; 19-1-60. This specimen differs from the description given by Dr. TAYLOR (1962 : 481-482), but is recognizable as *R. nigropalmatus*.

Rhacophorus bimaculatus BOULENGER (not previously represented in the CTNRC)

* 513-1286: Loei : Phu Luang c. 1280 m. elev.; 27-11-64. The author knows of no mention of this species occurring at such a high elevation. This specimen was taken on a leaf. The characteristic reddish colouring on the digital webs has completely faded in this specimen due to the action of the preservative.

Rhacophorus leucomystax leucomystax (KUHL, in GRAVENHORST)

513-1300: Chieng Mai : Chieng Dao c. 600 m. elev.; 7-12-59. Collected in evergreen forest.

513-1306: Sukhothai : Thachai Teak Plantation; 3-3-64. In this part of Sukhothai the vernacular name of this species is 'Kiet' (ເຂີຍຄົ). This particular specimen was found in a well.

Rhacophorus colletti BOULENGER

513-1308: Central Thailand; 10-6-64. This specimen was said to live on the leaves of the 'Sakae' plant (*Combretum quadrangulare*) and eat insects. The author assigns it to this species with considerable hesitancy, suspecting that in reality it may be one of the *Philautus*.

Family MICROHYLIDAE

Microhyla pulchra (HALLOWELL)

513-1295 through 513-1298 (4 specimens): Chieng Mai : Ban Aen; November 1960.

- * 513-1299: Chantaburi: Pong Namrawn: Khao Soidao; September 1956.
- 513-1305: Chantaburi: Pong Namrawn: Khao Soidao; September 1956.
- 513-1309: Chonburi: Banbueng; 26-1-66. A note on this specimen's bottle stated that it was 'usually found during the night'.

Microhyla ornata DUMÉRIL & BIBRON

- 513-1288 through 513-1291 (4 specimens): Chieng Mai: Ban Aen; November 1960.
- 513-1301: Chieng Mai: Chieng Dao *c.* 600 m. elev.; 7-12-59. This specimen was collected in an evergreen forest.
- * 513-1303 and 513-1304: Chantaburi: Pong Namrawn: Khao Soidao; September 1956.

Microhyla berdmorei (BLYTH)

- 513-1302: Chantaburi: Pong Namrawn: Khao Soidao; September 1956.
- 513-1310: Chonburi: Ban Bueng; 26-1-66. A note on this specimen's bottle stated that this species was usually found during the night.

Order GYMNOPHIONA

Family CAECILIDAE

Ichthyophis sp.

- 512-13: Chantaburi: Pong Namrawn: Pong Lieng *c.* 120 m. elev.; October 1956. This specimen was reported to have been dug up in a moist locality. Its vernacular name in Pong Namrawn was said to be 'Ngu Din' (งูดิน), and the author has heard this applied to *Ichthyophis* in Bangkok. This, however, is decidedly a misnomer, as 'ngu' means 'snake'; some of the smaller Colubrid snakes are commonly called 'Ngu Din'.

Class REPTILIA

Order TESTUDINES

Family PLATYSTERNIDAE

Platysternum megacephalum GRAY

521-41: Loei: Phu Luang.

Order SQUAMATA

Suborder SAURIA

Family GEKKONIDAE

Phyllodactylus siamensis BOULENGER

522-584: Chieng Mai: Ban Aen; November 1960.

Gecko gekko gekko (LINNAEUS)

522-590: Phra Nakhon: Bangkhen: RFD campus; 30-10-62.

The vernacular name for this subspecies is 'Tukkae' (ຫຼົກແກ).

Ptychozoon lionatum ANNANDALE

* 522-565: Tak: Samngao: Ban Na: Huay Bong c. 700 m. elev.; 16-6-59.

Family AGAMIDAE

Draco maculata subsp.

522-566 through 522-568 (3 specimens): Thailand.

Acanthosaura lepidogaster (CUVIER) (not previously represented in the CTNRC)

* 522-588: Loei: Phu Luang c. 4200 m. elev.; 27-11-64.

522-589: Chieng Mai: Doi Suthep; 5-7-60.

Calotes mystaceus DUMÉRIL & BIBRON* 522-569 and 522-570: Sukhothai: Thachai Teak Plantation; 24-3-66. According to the collecting data for these specimens, *C. mystaceus* is a predator of the Teak Bee-Hole Borer (*Xyleutes cerambicus*), an insect.*Leiolepis belliana belliana* (GRAY)

* 522-563 and 522-564: Tak: Samngao: Ban Na: Ban Huay Bong c. 600 m. elev.; c. 1959.

Physignathus cocincinus CUVIER

* 522-581: Chantaburi: Pong Namrawn: Khao Soidao: Ban Pong Liang; October 1956.

Family VARANIDAE

Varanus dumerili dumerili (SCHLEGEL) (not previously represented in the CTNRC)

522-583: Trang: Khao Chong; August 1959. This is a juvenile specimen.

Varanus bengalensis nebulosus (GRAY)

* 522-582: Trang: Khao Chong c. 150 m. elev.; September 1959. This specimen was said to have been taken from its home in a hole in a tree trunk. It was said to eat insects. Its vernacular name in the Khao Chong vicinity is 'Laen' (ລານ).

Family LACERTIDAE

Takydromus sexlineatus ocellatus CUVIER

* 522-586: Sukhothai: Thachai Teak Plantation; 27-3-64.

522-587: Phra Nakhon: Bangkhen: RFD campus; 20-1-66. This specimen was found in a garden of medicinal plants near the Herbarium.

Family SCINCIDAE

Mabuya macularia subsp.

522-585: Chieng Mai: Ban Aen; November 1960.

Riopa haroldyoungi TAYLOR (not previously represented in the CTNRC)

* 522-580: Fang: Thaton; no date. This specimen was "killed by a villager," and is unfortunately badly mangled. It appears to be the second known specimen of this form, the type having been collected at the base of Doi Suthep in Chieng Mai province by Mr. Harold Young.

Sphenomorphus lineopunctulatus TAYLOR (not previously represented in the CTNRC)

* 522-591: Khorat: Khao Yai; 14-12-62. This specimen was taken on a chestnut tree (*Castanopsis* sp.) but was said to crawl mainly on the ground in search of insects for food. It would appear to be the second specimen of its kind on record; the type was collected in Ubon province by Dr. TAYLOR.

Suborder SERPENTES

Family ANILIIDAE

Cylindrophis rufus rufus SCHLEGEL

523-982: Phra Nakhon: Bangkhen: RFD campus; 30-7-65.

This specimen was evidently taken while it ate an eel. Its vernacular name given in its collecting data was 'Ngu Kin Pla' (งูกินปลา = Fish-Eating Snake). This name, however, is not generally used in reference to this species although it may be applied to any aquatic species; it is usually used in reference to species of the *Enhydris* and *Natrix*, and the more common vernacular name of *C. rufus* is 'Ngu Kon Khop' (งูคอนขوب).

523-1013 through 523-1015 (3 specimens): Phra Nakhon: Bangkok; 30-11-61. The collection notes for these specimens contain the interesting fact that they were attracted to lamp light at night.

523-1024: Phra Nakhon: Bangkhen: RFD campus; 14-6-59.

* 523-1030: Sukhothai: Thachai Teak Plantation; between 24 October and 6 November 1966.

Family XENOPELTIDAE

Xenopeltis unicolor REINWARDT in BOIE

523-985: Phra Nakhon: Bangkhen: RFD campus *c.* 5 m. elev.; 31-6-59. This specimen was caught at night and said to have "shining" skin. Its vernacular name was given as 'Ngu Saeng-atthit' (งูแสงอาทิตย์).

523-998: Phra Nakhon: Bangkhen; 7-3-61.

Family COLUBRIDAE

Subfamily COLUBRINAE

Gonyosoma oxycephalum (BOIE in BOIE)

523-981: Chieng Mai: Doi Suthep; 9-5-48. The local name given for this specimen was 'Ngu Kieo Hang Haem' (งูเชือว่าหางแฮ่ม); this should not be confused with 'Ngu Kieo Hang Mai' (งูเชือว่าหางไม้), which refers to certain of the *Trimeresurus*.

523-1018: Either Chieng Mai or Lampang province; *c.* 1959.

Elaphe radiata (SCHLEGEL)

523-955 through 523-959 (5 specimens): Phra Nakhon: Bangkhen: RFD campus; 21-7-59.

523-978: Phra Nakhon: Bangkhen: RFD campus; 22-9-60. The vernacular name for this form is 'Ngu Thang Maprao' (ງູກາງມະພົບາວ). This particular specimen was discovered under a pile of rotten lumber.

523-989: Phra Nakhon: Bangkhen; 18-5-64.

523-1011: Phra Nakhon: Bangkhen: RFD campus; c. 1963.

* 523-1019: Lampang: Mae Huat; 27-7-64.

523-1025: Phra Nakhon: Bangkhen: RFD campus; 14-6-59.

Elaphe flavolineata (SCHLEGEL)

* 523-1000: This juvenile specimen was in a bottle having the following collecting data on it: Phra Nakhon: Bangkhen: RFD campus; 31-6-59. However, the author strongly suspects this to be the data for a second specimen (No. 523-985, *Xenopeltis unicolor*) which was in the same bottle, and not for this *Elaphe*. The latter is not known to occur north of Nakhon Srithammarat province (a specimen, CTNRC No. 523-77, was collected in that province in May of 1966 by Messrs. C.J.P. IONIDES and J.H.E. LEAKY of East Africa).

Ptyas korros (SCHLEGEL)

523-997: Phra Nakhon: Bangkhen; 11-3-63.

Ptyas mucosus (LINNAEUS)

* 523-961: Lampang: Huay Tak; 13-5-65. The vernacular name given for this specimen was 'Ngu Sing' (ງູສິງ). This name also applies to other members of the *Ptyas* group, especially *P. carinatus*, and in some areas of the country to members of the genus *Elaphe*.

* 523-984: Loei: Ban Sithan; 21-11-63. The vernacular name given for this specimen was 'Ngu Sing Dong' (ງູສິງດອງ). The specimen was reported to have been found in "dipterocarp forest".

Lycodon subcinctus subcinctus BOIE

- 523-966: foothills of Khao Phrami c. 60 m. elev.; 10-1-66.
 * 523-972: Khorat: Pak Thong Chai; 23-9-63.

Lycodon laoensis GÜNTHER

- * 523-1002: Phitsanulok: Thung Salaeng Luang National Park; 27-4-63. The vernacular name given for this specimen was 'Ngu Pong Lueang' (ງູ້ປົ້ງເຫຼືອງ). It was discovered on the stump of a tree (*Shorea* sp.).

Lycodon capucinus BOIE

- * 523-964: Thonburi: Thonburi; 4-2-67.
 523-1006: Thailand.

Oligodon cinereus swinhonis (GÜNTHER)

- * 523-947: Phitsanulok: Thung Salaeng Luang National Park; 27-5-61. The author feels that his identification of this specimen may be incorrect, inasmuch as the specimen, to the best of his knowledge, does not have apical pits in its scales, as it should according to Dr. TAYLOR'S key (1965: 756-757). Dr. TAYLOR (*Ibid.*) described a specimen from Chieng Mai which he believed to be the first one of this subspecies from Thailand. If the present identification is correct No. 523-947 would appear to be the second recorded Thai specimen.

Oligodon inornatus (BOULENGER) (not previously represented in the CTNRC)

- * 523-1021: Lampang: Mae Huat; 27-7-64. This specimen differs from Boulenger's type-description (cited by TAYLOR, *op. cit.*: 762) in that the body is not uniform brown, having small black marks on many of the scales. Also, each ventral of the posterior two-thirds of the venter is clouded with grey for most of the scale, save for a bar of ivory on both sides where the scale is angularly-bent. These bars form two distinct and continuous parallel lines which extend to the anal. The latter is ivory-coloured, and the subcaudals ivory peppered in a few places with grey.

Oligodon cyclurus smithi (WERNER)

* 523-1028 : Khorat : Pak Thong Chai : near TREND campsite c. 350 m. elev.; 9-5-67. The author observed this specimen in its preservative one day after being preserved. In colour it was a wonderfully orange, salmon hue. Since that time this has greatly faded, and the specimen is now a much lighter, tan colour. The author also observed the same phenomenon in a specimen collected in Chonburi : Banglamung.

Oligodon quadrilineatus (JAN)

523-990 : Phra Nakhon : Bangkhen; April 1959.

523-1007 : Phra Nakhon : Bangkhen : RFD campus; 17-6-59.

* 523-1008 : Nakhon Srithammarat : Khao Luang c. 600 m. elev.; 17-5-59.

523-1023 : Phra Nakhon : Bangkhen : RFD campus; 14-6-59.

Calamaria siamensis GÜNTHER

* 523-971 : Khorat : Khao Yai National Park; 6-1-63. This specimen was discovered on the ground near a termite hill. Its vernacular name was given as 'Ngu Din' (งูดิน).

Ahaetulla ahaetulla ahaetulla (LINNAEUS)

523-965 : Phra Nakhon : Bangkhen : RFD campus c. 10 m. elev.; 1958.

523-1001 : Thailand; 10-6-64. 'Ngu Kan Maprao' (งูกานมะ-พร้าว).

523-1010 : Phra Nakhon : Bangkhen : RFD campus; 20-10-63.

Subfamily NATRICINAE

Natrix flavipunctata (HALLOWELL)

523-942 : Chantaburi : Makham c. 100 m. elev.; 20-9-56. The vernacular name for this specimen was given as 'Ngu Hao Na' (งูเหาแน, Ngu Hao means Cobra, *Naja kaouthia kaouthia*).

523-951 through 523-953 (3 specimens) : Phra Nakhon : Bangkhen c. 10 m. elev.; 3-6-57. The vernacular name given for these specimens was 'Ngu Laisor' (งูลายเสือ), and this is the

name usually used in reference to this species. The name 'Ngu Hao Na', applied to CTNRC No. 523-942, is misleading.

* 523-1017: Chantaburi: Pong Namrawn; February 1959.

Macrophisthodon rhodomelas (BOIE)

523-949: Trang: Khao Chong; September 1959.

Rhabdophis subminiatus subminiatus (SCHLEGEL)

* 523-977: Uttaradit prov.; April 1961. The vernacular name given for this specimen was 'Ngu Mang Kasab' (งูแมงกะสาบ).

* 523-996: Sukhothai: Thachai Teak Plantation; 20-5-65.

523-1009: Uttaradit: Huay Maeng; 11-4-61. At Huay Maeng this snake is known as the Red-necked Cobra.

* 523-1012: Khorat: Klang Dong; 9-12-62. Two vernacular names were given for this species in the collection data with this specimen, viz., 'Ngu Daeng Hae' (งูแดงแหง), and 'Ngu Hao Nam' (งูห่าน້າ). The specimen was said to have been found on a Bombax Tree (*Salmalia malabarica*), and reported to eat small insects and insect larvae. The author, though he has kept several dozen specimens of this species under observation, has never seen one eat anything other than Amphibia.

Subfamily BOGINAE

Boiga multomaculata (BOIE)

* 523-940: Loei: Phu Krading c. 1300 m. elev.; November 1955. A note accompanying this specimen reports that it is not common in grasslands.

Dryophis prasinus REINWARDT, in BOIE

* 523-943: Lampang: Mae Huat; 6-3-63.

* 523-944: Chantaburi: Pong Namrawn; September 1956.

* 523-945: Khorat: Pak Thong Chai; 29-9-63.

523-946: Lampang: Mae Huat; 14-7-61. This specimen was taken in a teak forest. In Mae Huat the species is evidently known as 'Ngu Lao-Sa' (งูหลาวสา).

* 523-976: Kanchanaburi: Ban Na Tham; 17-7-63. In this locality the species is evidently called 'Ngu Khieo' (งูเชื้อ).

In Bangkok, however, where this snake does not occur, this name is invariably applied to *Dryophis nasutus*, and may also be used to designate specimens of *Chrysopela ornata*.

* 523-980 : Phrae : Ban Huay Lie; 15-6-66.

Dryophis nasutus (LACÉPÈDE)

523-1022 (+ 13 unborn young) : Phra Nakhon : Bangkhen : RFD campus; 14-6-59.

Dryophiops rubescens (GRAY)

* 523-939 : Narathiwat : Ban Boo : Khet Tha More; 15-12-62.

Psammodynastes pulverulentus (BOIE)

* 523-983 : Surat Thani : Khao Hin Pun; September 1963. The vernacular name given with this specimen was 'Ngu Kapa Fai' (ງຸກພະໄຟ). This, however, is most likely a misnomer, as this name is generally applied to *Agkistrodon rhodostoma*, a snake *P. pulverulentus* superficially resembles.

* 523-995 : Khonkaen : Dong Lan Dip; 9-10-63.

* 523-999 : Chantaburi : Pong Namrawn : Wang Kapi c. 120 m. elev.; September 1956.

Chrysopela ornata (SHAW)

* 523-963 : Lopburi : Chai Badan; 25-10-63. The vernacular name given for this specimen was 'Ngu Khieo' (ງຸກຂົວ).

* 523-1020 and 523-1026 : Lampang : Mae Huat; 27-7-64. The vernacular name given for these specimens was 'Ngu Pao' (ງຸກປາວ). They were reported to have been discovered at the stump of a teak tree.

Subfamily HOMALOPSINAE

Enhydris plumbea (BOIE)

* 523-1027 : Lampang : Mae Huat; 27-7-64.

Enhydris enhydris (SCHNEIDER)

523-941 : Phra Nakhon : Bangkhen : RFD campus c. 5 m. elev.; 27-3-58.

523-960 : Phra Nakhon : Bangkok; 11-11-65. 'Ngu Pla' (ງຸກປາ = 'Ngu Kin Pla').

Erpeton tentaculatum LACÉPÈDE

523-991: Phra Nakhon: Bangkhen; 12-5-64.

Family ELAPIDAE

Bungarus fasciatus (SCHNEIDER)

523-992: Phra Nakhon: Bangkhen; 14-5-59. This species, once relatively common in Bangkok, is now seldom met with in this city.

Naja kaouthia kaouthia LESSON in FÉRUSSAC

* 523-967: Trang: Khao Chong; 14-11-59. The vernacular name applied to this snake at Khao Chong is 'Ngu Hao' (ງුහා), and this is the generally accepted term throughout the country. However, in various parts of the country variations of this designation are used.

* 523-993: Tak: Sam-ngao; 2-6-59. 'Ngu Hao'.

* 523-994: Loei: Phu Kradung: Ban Sithan; 25-10-63. The vernacular name given this specimen was 'Ngu Hao Chom Pluak' (ງුහාශොම්ප්ලාක), or Termite-hill Cobra. However, the fact that this specimen was found in a termite-hill may explain this.

* 523-1016: Chantaburi: Pong Namrawn; February 1959.

Calliophis maculiceps maculiceps GÜNTHER

523-954: Trang: Khao Chong; 27-9-59. This specimen has rather large black spots on its dorso-lateral aspects, and in this respect resembles two specimens figured by Dr. TAYLOR (1965: 975-976, figs. 95 and 96). The author has observed that specimens from Peninsular Thailand seem to have large spots as a rule, while specimens from Central, Eastern, and Northern Thailand have tiny spots. One specimen examined by the author, CTNRC No. 523-553, from Chieng Rai province, had an almost immaculate body.

* 523-973: Khorat: Pak Thong Chai; 27-9-63.

Family HYDROPHIIDAE

Subfamily HYDROPHIINAE

Kerilia jerdoni siamensis SMITH

523-987: Songkla prov.; 18-11-59.

Praescutata viperina (SCHMIDT)

523-986: Songkla prov.; 18-11-59.

Hydrophis mamillaris DAUDIN

* 523-988: Songkla prov.; 18-11-59.

Family CROTALIDAE

Agkistrodon rhodostoma (BOIE)

* 523-950: Chantaburi: Pong Namrawn: Hindat c. 225 m. elev.; 1-2-59. This specimen was taken in a deciduous forest. Its vernacular name in Pong Namrawn is 'Ngu Kapa Fai' (งู kappa ไฟ).

* 523-962: Surat: Surat-Krabi Highway, km. 44, c. 50 m. elev.; September 1963. The collecting data for this specimen states that the species is common along streams. This is in contrast to the fact that in numerous localities (Chonburi, Prachuap Khirikhan, etc.) this species is quite plentiful in dry, sandy areas.

* 523-1003: Narathiwat: Bajo; 7-11-62. The collection data for this specimen states that the species inhabits areas of moist soil, or rocky areas (see the note about No. 523-962).

Trimeresurus sumatranaus (RAFFLES) (not previously represented in the CTNRC)

* 523-970: Trang: Khao Chong; 14-11-59. This would appear to be the second Thai specimen on record. Dr. TAYLOR (1965: 1071) wrote: "This species is included in the Thai list on the basis of a report by Dr. Malcolm SMITH, (1930)—'I have recently examined a specimen from Patani.'" The present specimen was given the vernacular name 'Ngu Khieo Hang Mai' (งูเชือหางไม้) by its collector, who undoubtedly

thought it was one of the more common *Trimeresurus*; *T. albolabris*, *T. erythrurus*, and the other green *Trimeresurus* are all known by the name 'Ngu Khieo Hang Mai'.

Trimeresurus albolabris GRAY

523-948: Nakhon Srithammarat : Khao Luang c. 150 m. elev.; 27-9-59. The collection data for this specimen are most intriguing: "Feeding on rats; bluish green in colour with dark brown stripes; local name 'Ngu Kapa' (ງົກະປາ)." The latter name is usually used with reference to *Agkistrodon rhodostoma*.

523-968 and 523-969: Thailand. These specimens are unfortunately in a very poor state of preservation, although they can be identified relatively easily. They were given the vernacular name 'Ngu Khieo' (usually used for the *Dryophis* and *Chrysopela ornata*), and were said to be common in grassland areas.

* 523-979: Phrae : Ban Huay Lie; 15-6-66. This specimen was found in a bamboo clump.

523-1005: Thailand.

523-1029: Thailand.

Trimeresurus popeorum SMITH (not previously represented in the CTNRC)

523-1004: Loei : Phu Luang c. 1525 m. elev.; 2-12-64. This specimen, given the vernacular name 'Ngu Khieo Hang Mai' (ງົກະຂົງຫາງໜັນ), was taken in evergreen forest. Unfortunately, only the head was preserved.

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